PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's o r agent' s file reference UMD-0067		see Form PCT/ISA/220 where applicable, item 5 below.		
International application No. PCT/US04/24351	International filing date (day/month/year) 29 July 2004 (29.07.2004)	(Earliest) Priority Date (day/month/year) 30 July 2003 (30.07.2003)		
Applicant UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY				
This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau. This international search report consists of a total of sheets. It is also accompanied by a copy of each prior art document cited in this report.				
1. Basis of the Report a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item. The international search was carried out on the basis of a translation of the international application				
furnished to this Authority (Rule 23.1(b)). b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.				
 3. Unity of invention is lacking 4. With regard to the title, the text is approved as submit 				
5. With regard to the abstract, the text is approved as submit the text has been established, may, within one month from	according to Rule 38.2(b), by this Authori	ity as it appears in Box No. IV. The applicant arch report, submit comments to this Authority.		
as suggested by the a	uthority, because the applicant failed to suguithority, because this figure better characte	ggest a figure.		

Form PCT/ISA/210 (first sheet) (January 2004)

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/24351

A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : G01N 33/48 US CL : 702/19 According to International Patent Classification (IPC) or to both national classification and IPC					
Minimum documentation searched (classification system followed by classification symbols) U.S.: 702/19; 211/41.12					
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched					
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Please See Continuation Sheet					
C. DOC	UMENTS CONSIDERED TO BE RELEVANT				
Category *	Citation of document, with indication, where appropriate, of the relevant passages		Relevant to claim No.		
X	US 2002/0169560 A1 (HYTOPOULOS et al.) 14 November 2002 (14.11.2002), see		1, 3, 5, 7		
Y	especially Detailed Description 2, 4, 6, 8		2, 4, 6, 8		
Y	US 2002/0178150 A1 (HYTOPOULOS et al.) 28 November 2002 (28.11.2002), see especially Detailed Description.		1-8		
Y	US 6,496,834 B1 (CEREGHINI et al.) 17 December 2002 (17.12.2002), see especially 1-8		1-8		
_ Y	Detailed Description of the Preferred Embodiment. YEUNG et al. Model-based clustering and data transformations for gene expression data. Bioinformatics. 2001, Volume 17, Number 10, pages 977-987, see especially Model-Based Cluster Approach.				
Y	MURO et al. Identification of expressed genes linke carcinoma by parametric clustering of quantitative et 2003, Volume 4, R21, pages R21-R21.10, especially	spression data. Genome Biology.	1-8		
N Eumbor	documents are listed in the continuation of Box C.	See patent family annex.			
	pecial categories of cited documents:	"T" later document published after the inter	national filing date or priority		
"A" document defining the general state of the art which is not considered to be of particular relevance		date and not in conflict with the applica principle or theory underlying the inver	ntion		
•	plication or patent published on or after the international filing date	"X" document of particular relevance; the c considered novel or cannot be consider when the document is taken alone	laimed invention cannot be ed to involve an inventive step		
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)		"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination			
"O" document	referring to an oral disclosure, use, exhibition or other means	being obvious to a person skilled in the	art .		
priority da	nent published prior to the international filing date but later than the "&" document member of the same patent family by date claimed				
		Date of mailing of the international searce 16 MAR 2095	n report		
03 February 2005 (03.02.2005) Name and mailing address of the ISA/US		Authorized officer W/MM	1/1/to		
Mail Stop PCT, Atm: ISA/US		Carolyn Smith			
Commissioner for Patents P.O. Box 1450		•			
Alex	Alexandria, Virginia 22313-1450				
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INTERNATIONAL SEARCH REPORT	PCT/US04/24351	
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